

# Converting Colors

YUV(69.6500, 31.7246, 91.5150)

Have a look what the booklet for  
YUV(69.6500, 31.7246, 91.5150)  
contains.

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# Color

**YUV(69.6500, 31.7246,  
91.5150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE0486
RGB	174, 4, 134
RGB Percent	68%, 2%, 53%
CMY	0.3176, 0.9843, 0.4745
CMYK	0.00, 0.98, 0.23, 0.32
HSL	314°, 96%, 35%
HSV	314°, 98%, 68%
XYZ	21.8021, 10.8067, 23.4911
YIQ	69.6500, 59.5900, 76.4700

# Conversions

## Conversions Part 2

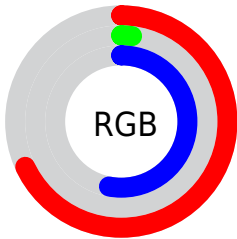
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 4, 134
Decimal	11404422
CIELab	39.25, 67.91, -24.69
CIElCh	39, 72.261, 340.021
Yxy	10.8067, 0.3886, 0.1926
Android (android.graphics.Color)	4289594502 (0xFFAE0486)
YUV	69.6500, 31.7246, 91.5150
Hunter-Lab	32.8736, 60.8539, -19.3564

# Details

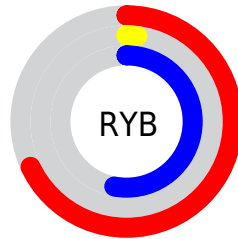
The YUV color **69.6500, 31.7246, 91.5150** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **108.3500, -31.7245, -91.5149**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2930, 23.0266, 81.3040**, and **44.5590, 19.4444, 63.5308** is the 20% darker color. If you saturate the color by 10%, you get **67.1880, 32.4453, 93.6741**, and if you desaturate by 10%, it is **80.0850, 28.5521, 82.3635**.

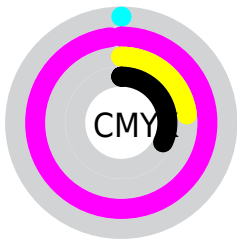
# Distribution



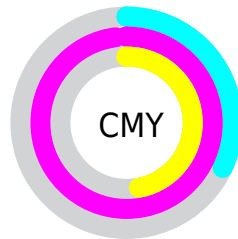
- Red (68%)
- Green (2%)
- Blue (53%)



- Red (68%)
- Yellow (2%)
- Blue (53%)



- Cyan (0%)
- Magenta (98%)
- Yellow (23%)
- Black (32%)




- Cyan (32%)
- Magenta (98%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 69.6500, 31.7246, 91.5150 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 69.6500, 31.7246, 91.5150 by changing the saturation by 10% instead.





 69.6500, 31.7246,  
91.5150


 69.6500, 31.7246,  
91.5150


255.0000, 0.0000,  
0.0000


 55.7810, 26.2370,  
78.2451


 140.2930, 23.0266,  
81.3040


 44.5590, 19.4444,  
63.5308

 167.0860, 23.6216,  
77.1006


 33.2660, 13.6729,  
48.0017

 187.4150, 27.8964,  
59.2720

 23.2830, 7.7485,  
34.8318

 205.6920, 24.3088,  
43.2431

 11.5770, 1.6875,  
18.7880

 222.7150, 15.9165,  
28.3139

 0.0000, 0.0000,  
0.0000

 239.7380, 7.5242,

13.3848

■ 69.6500, 31.7246,  
91.5150

■ 69.6500, 31.7246,  
91.5150

■ 67.1880, 32.4453,  
93.6741

■ 80.0850, 28.5521,  
82.3635

■ 91.1070, 25.0902,  
72.6972

■ 101.5420, 21.9178,  
63.5457

■ 112.5640, 18.4559,  
53.8794

■ 122.9990, 15.2835,  
44.7279

■ 133.5480, 12.5478,  
35.4764

■ 144.5700, 9.0860,  
25.8101

■ 155.0050, 5.9135,  
16.6586

■ 166.0270, 2.4517,  
6.9923

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5160, 44.6086, 18.8415



69.6500, 31.7246, 91.5150



66.0720, 4.8945, 110.4389

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6500, 31.7246, 91.5150



85.0560, -41.9326, 9.5979



87.2440, 39.8127, -76.5130

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.6500, 31.7246, 91.5150



108.3500, -31.7245, -91.5149

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7460, 14.9152, -70.8142



69.6500, 31.7246, 91.5150



66.3860, -32.7283, -49.4505

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6500, 31.7246, 91.5150



86.7930, -42.7889, 51.0475



72.5040, -11.5875, -63.5860



87.8260, 57.2738, -77.0234



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6500, 31.7246, 91.5150



66.9900, -14.2921, 104.3718



72.5040, -11.5875, -63.5860



85.1920, 31.9503, -74.7134

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.6500, 31.7246, 91.5150



186.4340, 12.1110, 35.5764



35.3400, 68.3594, 7.5948



90.3800, 7.2077, 21.5917



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6500, 31.7246, 91.5150



87.7090, 42.5415, 122.1582



59.9600, -5.4033, 100.0131



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.6500, 31.7246, 91.5150



87.7090, 42.5415, 122.1582



118.0400, 5.4033, -100.0131



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403



# Previews

## White Background



This preview shows how the YUV color 69.6500, 31.7246, 91.5150 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

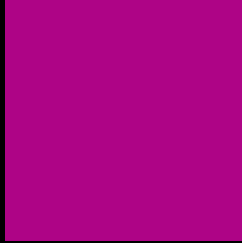
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 69.6500, 31.7246, 91.5150 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

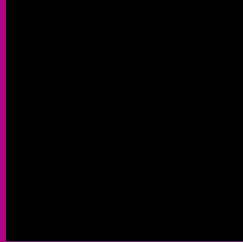
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 69.6500, 31.7246, 91.5150 Background



This preview shows how black text looks on a background with the YUV color 69.6500, 31.7246, 91.5150.



This preview shows how white text looks on a background with the YUV color 69.6500, 31.7246,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

69.6500, 31.7246, 91.5150

### Protanopia

83.7370, 52.3877, -49.7583

### Deuteranopia

94.8540, 14.8620, -6.8880



## Tritanopia

87.7270, -15.6414, 70.3994

# Trichromacy



## Original Color

69.6500, 31.7246, 91.5150



## Protanomaly

78.5200, 45.0996, 1.2980



## Deuteranomaly

85.9800, 20.7159, 28.9585



## Tritanomaly

80.9510, 1.5032, 78.0960

# Monochromacy



## Original Color

69.6500, 31.7246, 91.5150



## Achromatopsia

70.0000, 0.0000, 0.0000



## Achromatomaly

69.8960, 11.3903, 33.4172

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.6500, 31.7246, 91.5150 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 4, 134)` looks like.

```
.text, #text, p{  
    color:rgb(174, 4, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 4, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 4, 134) }
```

## Border

The CSS property to change the border of an element to YUV 69.6500, 31.7246, 91.5150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 4, 134) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(174, 4, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(174, 4, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 4, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 4, 134);  
box-shadow:4px 4px 4px 4px rgb(174, 4,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 69.6500, 31.7246, 91.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 4, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174, 4,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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